

Message Text

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ACTION SCI-06

INFO OCT-01 EA-11 ISO-00 CEQ-02 EPA-04 DOTE-00 HUD-02

NASA-04 NSF-04 FEA-02 AEC-11 AID-20 CEA-02 CIAE-00

CIEP-02 COME-00 DODE-00 EB-11 FPC-01 H-03 INR-10

INT-08 L-03 NSAE-00 NSC-07 OMB-01 PM-07 RSC-01 SAM-01

SP-03 SS-20 STR-08 TRSE-00 DRC-01 /156 W

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P 100740Z JUL 74

FM AMEMBASSY TOKYO

TO SECSTATE WASHDC PRIORITY 3199

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E.O. 11652: N/A

TAGS: TGEN, ENRG, JA, OTRA

SUBJECT: ENERGY R&D: VISIT OF US TECHNICAL EXPERTS

REF: (A) STATE 132541, (B) TOKYO 8804

SUMMARY: LIST OF POSSIBLE SITES FOR TEAM VISIT HERWITH. ACTION
REQUESTED: TEAM'S ARRIVAL INFORMATION AND COMMENTS ON LIST.
END SUMMARY.

1. ON JULY 9, FONOFF PROVIDED EMBOFF TENTATIVE LIST OF GOJ'S
COORDINATED SUGGESTIONS FOR RESEARCH SITES FOR ENERGY R&D TEAM
TO VISIT. MOST OF LABORATORIES, RESEARCH INSTITUTES, ETC. ARE
UNDER MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY (MITI),
THOUGH SOME UNDER SCIENCE AND TECHNOLOGY AGENCY(STA). FONOFF
OFFICIAL MENTIONED THAT MINISTRY OF TRANSPORT MIGHT LATER FIND
AREAS FOR FUTURE COOPERATION WITH US, THOUGH IT HAS NOTHING
PARTICULAR IN MIND AS YET.

2. FONOFF WILL ARRANGE TWO GENERAL MEETINGS AUGUST 5 AND 13,
AS REQUESTED REFTTEL (A). FONOFF IDEA IS FOR AUGUST 13 MEETING
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TO START IN AFTERNOON, THOUGH THIS STILL TENTATIVE. FONOFF

ASKED FOR US SUGGESTIONS AS TO STARTING TIME FOR INITIAL MEETING AUGUST 5: WOULD TEAM PREFER MORNING OR AFTERNOON? PLEASE SEND THIS INFORMATION ASAP, AS FONOFF MUST RESERVE MEETING ROOM SOON. FONOFF ALSO WOULD LIKE LIST OF PARTICIPANTS AS SOON AS AVAILABLE.

3. FONOFF OFFICIAL COMMENTED THAT TWO GENERAL MEETINGS MIGHT NOT BE ENOUGH, ESPECIALLY FOR MITI, WHICH WOULD LIKE A MEETING OF ITS OWN FOR DETAILED EXPLANATION OF MITI PROJECTS, EMBASSY WILL PROVIDE SEPARATELY COMMENTS OF MITI AND STA AS DETAILED ARRANGEMENTS ARE MADE.

4. EMBASSY NOW PROCEEDING TO CONTACT INDIVIDUAL MINISTRIES INVOLVED TO LAY OUT DETAILED SCHEDULE. EMBASSY HAS INITIALLY RESERVED SIXTEEN SINGLES AT OKURA HOTEL FOR AUGUST 3-13 AT 7,500 YEN NIGHTLY. PLEASE ADVISE OF EXACT ARRIVAL AND DEPARTURE INFORMATION AS SOON AS AVAILABLE. SCIOFFS WOULD ALSO APPRECIATE ANY COMMENT TEAM MAY HAVE ON LIST OF SITES.

5. LIST FOLLOWS:

A. MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

1. SOLAR ENERGY:

- (1) ELECTROTECHNICAL LABORATORY, TOKYO
 - (A) SOLAR HEAT POWER GENERATION SYSTEM
 - (B) NEW POWER GENERATION SYSTEM SUCH AS THERMIONIC CONVERSION SYSTEM
- (2) GOVERNMENT INDUSTRIAL DEVELOPMENT LABORATORY, HOKKAIDO
 - (A) COAL LIQUEFACTION BY DIRECT HYDROGENATION
- (3) GOVERNMENT INDUSTRIAL RESEARCH INSTITUTE, KYUSHU, FUKUOKA PREFECTURE
 - (A) SOLVOLYSIS LIQUEFACTION

4. HYDROGEN:

- (1) ELECTROTECHNICAL LABORATORY, TOKYO
 - (A) FUEL CELLS
- (2) GOVERNMENT INDUSTRIAL RESEARCH INSTITUTE, OSAKA
 - (A) FUEL CELLS

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5. MAGNETOHYDRODYNAMIC CONVERSION AND SUPER CONDUCTION:

- (1) ELECTROTECHNICAL LABORATORY, TOKYO
 - (A) 1,000 KW-CLASS MHD GENERATOR (MK5)
 - (B) MHD GENERATOR FOR LONG TERM OPERATION (MK6)
 - (C) SUPERCONDUCTORS
 - (D) APPLICATIONS OF SUPERCONDUCTORS

6. UTILIZATION OF WASTE MATERIALS:

- (1) NATIONAL RESEARCH INSTITUTE FOR POLLUTION AND RESOURCES, SAITAMA PREFECTURE
 - (A) FIXED-BED PYROLYSIS OF MUNICIPAL SOLID WASTE
 - (B) WET PIPELINE TRANSPORTATION TECHNOLOGY OF MUNICIPAL SOLID WASTE
- (2) NATIONAL CHEMICAL LABORATORY FOR INDUSTRY, TOKYO
 - (A) UTILIZATION TECHNOLOGY OF INCINERATION - PYROLYSIS RESIDUES
 - (B) PYROLYSIS OF MUNICIPAL SOLID WASTE BY MEANS OF COUPLED-FURNACE SYSTEM

7. STORAGE BATTERIES:

- (1) GOVERNMENT INDUSTRIAL RESEARCH INSTITUTE, OSAKA
 - (A) BATTERIES

B. SCIENCE AND TECHNOLOGY AGENCY

- (1) NATIONAL RESEARCH INSTITUTE FOR METALS, TOKYO
 - (A) SUPER-CONDUCTIVE MATERIALS
 - (B) HIGH TEMPERATURE MATERIALS
- (2) NATIONAL AEROSPACE LABORATORY, TOKYO
 - (A) ADVANCED PROPULSION ENGINE
 - (B) HIGH TEMPERATURE MATERIALS
- (3) NATIONAL INSTITUTE FOR RESEARCH IN INORGANIC MATERIALS, IBARAGI PREFECTURE
 - (A) ADVANCED PROPULSION MATERIALS
- (4) RESEARCH DEVELOPMENT CORPORATION OF JAPAN, TOKYO
 - (A) DATA ON GEOTHERMAL ENERGY

(5) INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH,
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- SAITAMA PREFECTURE
 - (A) BASIC RESEARCH FOR ENERGY CONVERSION
 - (6) JAPAN ATOMIC ENERGY RESEARCH INSTITUTE, IBARAGI PREFECTURE
 - (A) HYDROGEN
 - (B) BASIC RESEARCH
- CULBERT

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